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-- AltoDefs.Mesa Edited by Satterthwaite on February 9, 1977 1:43 PM
AltoDefs: DEFINITIONS =
BEGIN
    wordlength: INTEGER = 16;      -- Alto word length (bits)
    maxword: CARDINAL = 177777B;  -- N.B. negative as 16 bit number
    maxinteger: INTEGER = 077777B; -- maximum positive number

    charlength: INTEGER = 8;      -- Alto character size (bits)
    maxcharcode: INTEGER = 377B;
    BYTE: TYPE = [0..maxcharcode];
    BytesPerWord, CharsPerWord: INTEGER = wordlength/charlength;
    LogBytesPerWord, LogCharsPerWord: INTEGER = 1;

    PageSize: INTEGER = 256;      -- Alto page size (words)
    LogPageSize: INTEGER = 8;
    BytesPerPage, CharsPerPage: INTEGER = PageSize*CharsPerPage;
    LogBytesPerPage, LogCharsPerPage: INTEGER = LogPageSize+LogCharsPerPage;

    VMLimit: CARDINAL = 177777B; -- maximum Alto VM address
    Address: TYPE = [0..VMLimit];

    MaxVMPage: INTEGER = 255;    -- maximum Alto VM page number
    MaxFilePage: CARDINAL = 077777B;

    PageNumber: TYPE = [0..MaxFilePage];
    PageCount: TYPE = [0..MaxVMPage+1];

END.
```